

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1000228

Luminaire Tested: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

Issue Date: 5/7/2025

Test Information

Test Method: LM-79-2019
Report Number: P1000228
REPORT IS A COMBINATION OF REPORTS P988788 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/7/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K
Description: Define 2 Regressed Direct/Indirect Pendant with 4000K BioUP LEDs {m-DER=0.865}
{m-EER=0.951}
Light Source: -
Ballast/Driver: -

Summary

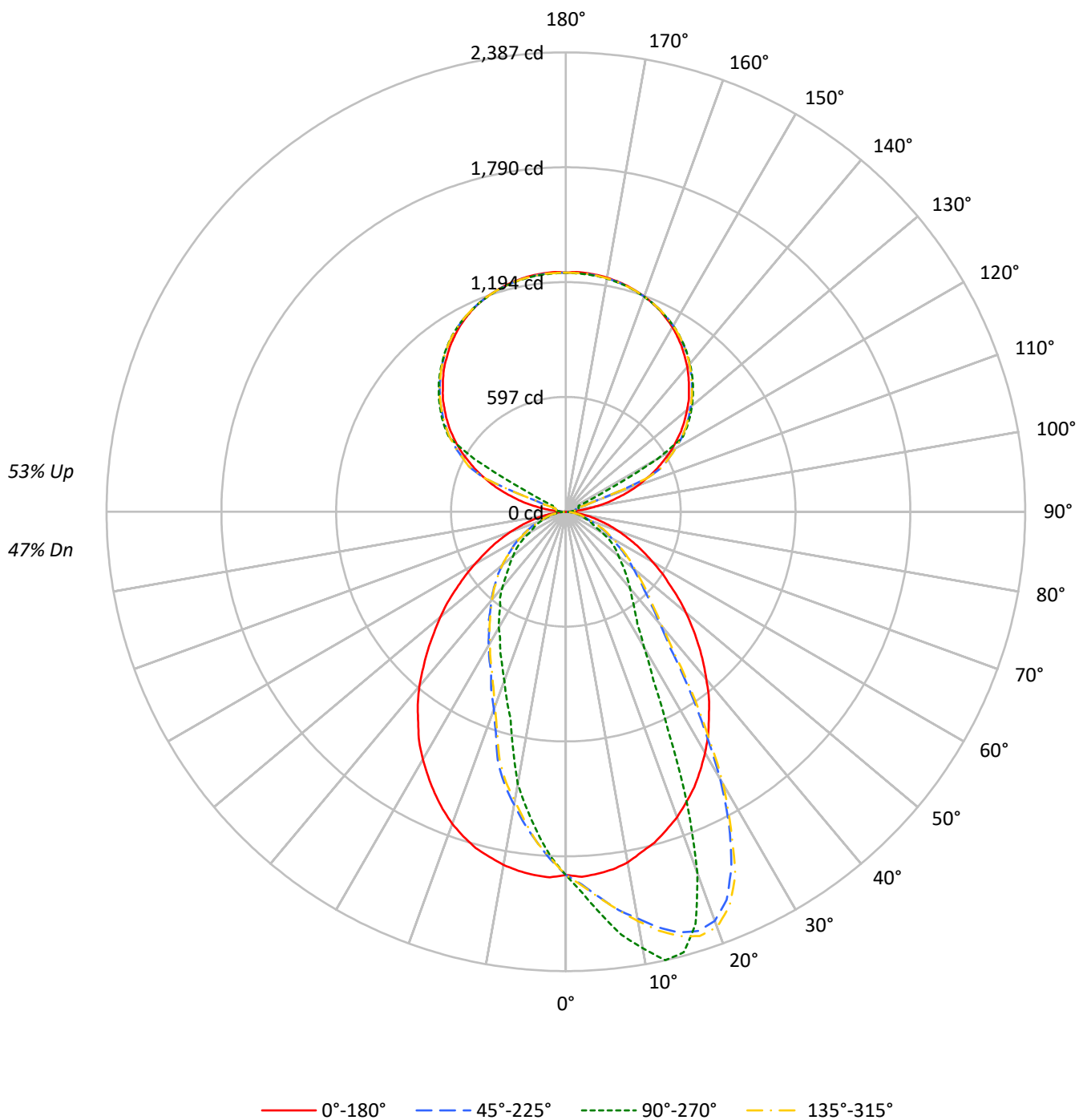
Lumens per Lamp: N/A
Luminaire Lumens: 6906.0 lumens
Efficiency: N/A
Efficacy: 91.7 lumens/watt
Spacing Criteria (0/90/45): 1.16 / 0.85 / 1.01
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 75.3
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



TEST NUMBER: P1000228

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	98	98	98	98	82	82	82	67	67	67	54	54	54	47	47	47
1	98	94	90	87	90	87	83	81	73	71	69	60	59	57	48	48	47	41	41	41
2	90	83	77	72	82	77	72	67	65	61	58	54	51	49	44	42	40	36	36	36
3	82	74	67	61	76	68	62	57	58	53	50	48	45	42	39	37	35	31	31	31
4	76	66	58	53	70	61	54	49	52	47	43	44	40	37	36	33	31	28	28	28
5	70	59	51	46	64	55	48	43	47	42	38	40	36	33	33	30	28	25	25	25
6	65	53	46	40	60	50	43	38	43	37	33	36	32	29	30	27	25	22	22	22
7	60	48	41	35	55	45	38	34	39	34	30	33	29	26	28	25	23	20	20	20
8	56	44	37	32	52	41	35	30	36	31	27	31	27	24	26	23	21	18	18	18
9	52	41	33	29	48	38	31	27	33	28	24	28	24	22	24	21	19	17	17	17
10	49	37	30	26	45	35	29	25	31	26	22	26	22	20	22	19	17	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	29870	29870	29870	29870
5°	29939	31728	30044	25346
10°	29610	33534	29820	20930
15°	28968	33545	29458	15724
20°	28195	27728	28808	12973
25°	27259	17326	27846	11036
30°	26061	11093	26769	9500
35°	24605	8525	25403	8130
40°	22984	7166	23965	7111
45°	21250	6099	22139	5971
50°	19473	5183	20384	5164
55°	17507	4504	18450	4445
60°	15758	3434	16592	3393
65°	14124	2584	14963	2932
70°	12325	2065	13291	2390
75°	10416	1581	11373	1807
80°	8271	1074	8902	1186
85°	5749	555	6300	586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 165°

Vertical Angle: 45°

Luminance: 27324 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	179.0	2.6
10°-20°	499.6	7.2
20°-30°	643.0	9.3
30°-40°	610.0	8.8
40°-50°	522.8	7.6
50°-60°	398.1	5.8
60°-70°	251.1	3.6
70°-80°	125.3	1.8
80°-90°	34.4	0.5
90°-100°	41.0	0.6
100°-110°	152.7	2.2
110°-120°	405.1	5.9
120°-130°	671.9	9.7
130°-140°	713.7	10.3
140°-150°	663.3	9.6
150°-160°	533.3	7.7
160°-170°	343.6	5.0
170°-180°	118.3	1.7
0°-30°	1321.6	19.1
0°-40°	1931.6	28.0
0°-60°	2852.5	41.3
0°-90°	3263.2	47.3
90°-120°	598.8	8.7
90°-150°	2647.7	38.3
90°-180°	3643.0	52.8
0°-180°	6906.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1887	1887	1887	1887	1887	
5°	1888	2100	1895	1677	1888	179
15°	1780	2370	1810	1111	1780	501
25°	1579	1264	1613	805	1579	725
35°	1296	623	1338	594	1296	811
45°	973	433	1014	424	973	751
55°	657	300	692	296	657	592
65°	397	156	421	177	397	394
75°	186	83	203	94	186	202
85°	41	24	45	25	41	46
90°	1	24	1	24	1	6
95°	58	39	58	39	58	69
105°	273	68	273	68	273	292
115°	517	74	517	74	517	509
125°	731	769	731	769	731	652
135°	904	934	904	934	904	699
145°	1049	1066	1049	1066	1049	656
155°	1155	1156	1155	1156	1155	532
165°	1217	1215	1217	1215	1217	344
175°	1245	1238	1245	1238	1245	119
180°	1243	1243	1243	1243	1243	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0
2.5°	1898.8	1906.7	1910.6	1915.9	1927.7	1935.5	1947.3	1950.0	1948.7	1953.9	1939.5
5°	1888.3	1905.4	1921.1	1934.2	1955.2	1968.3	1982.7	1999.8	2003.7	2023.4	2011.6
7.5°	1873.9	1898.8	1921.1	1947.3	1978.8	1995.9	2018.2	2044.4	2056.2	2079.8	2086.3
10°	1850.3	1885.7	1923.7	1951.3	1994.5	2024.7	2045.7	2087.7	2115.2	2150.6	2145.4
12.5°	1812.3	1858.2	1909.3	1955.2	2011.6	2031.3	2070.6	2113.9	2149.3	2182.1	2210.9
15°	1779.5	1831.9	1888.3	1944.7	2009.0	2045.7	2085.0	2141.4	2179.4	2237.1	2262.1
17.5°	1734.9	1801.8	1868.7	1931.6	2007.7	2049.6	2098.1	2153.2	2209.6	2264.7	2284.4
20°	1689.0	1761.1	1833.3	1918.5	2005.0	2045.7	2095.5	2163.7	2218.8	2262.1	2262.1
22.5°	1633.9	1721.8	1804.4	1885.7	1980.1	2039.1	2090.3	2170.3	2209.6	2218.8	2183.4
25°	1578.9	1666.7	1757.2	1858.2	1965.7	2018.2	2075.9	2150.6	2163.7	2127.0	2035.2
27.5°	1513.3	1611.6	1713.9	1822.8	1935.5	2001.1	2053.6	2103.4	2078.5	1980.1	1837.2
30°	1446.4	1552.6	1668.0	1771.6	1908.0	1968.3	2012.9	2027.3	1948.7	1788.7	1603.8
32.5°	1376.9	1480.5	1602.5	1727.0	1864.7	1922.4	1951.3	1913.2	1769.0	1567.1	1341.5
35°	1295.6	1412.3	1539.5	1669.3	1805.7	1849.0	1866.0	1772.9	1588.0	1327.1	1102.8
37.5°	1222.2	1338.9	1475.3	1607.7	1740.1	1763.8	1746.7	1601.1	1366.4	1108.1	889.1
40°	1135.6	1260.2	1394.0	1542.1	1651.0	1657.5	1615.6	1426.7	1135.6	893.0	758.0
42.5°	1055.6	1181.5	1315.3	1466.1	1548.7	1526.4	1470.0	1222.2	948.1	769.8	660.9
45°	973.0	1092.3	1236.6	1370.3	1429.4	1376.9	1291.7	1028.1	796.0	662.2	578.3
47.5°	893.0	1004.5	1147.4	1275.9	1286.4	1227.4	1126.4	861.5	689.8	582.2	514.0
50°	814.3	925.8	1059.6	1165.8	1155.3	1074.0	959.9	748.8	599.3	514.0	457.7
52.5°	735.7	836.6	966.5	1050.4	1005.8	927.1	814.3	634.7	523.2	448.5	405.2
55°	657.0	751.4	862.9	932.4	861.5	771.1	691.1	544.2	453.7	393.4	360.6
57.5°	591.4	666.2	768.4	810.4	725.2	654.4	584.9	468.1	393.4	350.1	312.1
60°	519.3	587.5	671.4	696.3	608.5	550.8	491.8	396.0	337.0	299.0	274.1
62.5°	457.7	514.0	578.3	578.3	500.9	457.7	413.1	331.8	283.2	253.1	241.3
65°	397.3	438.0	483.9	478.6	413.1	375.0	339.6	274.1	237.4	216.4	204.6
67.5°	338.3	369.8	400.0	381.6	334.4	301.6	268.8	221.6	196.7	182.3	166.5
70°	284.6	309.5	325.2	308.2	261.0	233.4	209.8	178.3	158.7	140.3	131.1
72.5°	238.7	249.2	254.4	233.4	194.1	178.3	161.3	139.0	122.0	112.8	110.2
75°	186.2	195.4	191.5	175.7	142.9	131.1	118.0	102.3	98.4	93.1	90.5
77.5°	145.6	145.6	139.0	124.6	102.3	93.1	87.9	80.0	76.1	74.7	72.1
80°	103.6	102.3	98.4	82.6	69.5	64.3	64.3	59.0	57.7	55.1	55.1
82.5°	68.2	68.2	62.9	49.8	45.9	44.6	43.3	40.7	40.7	39.3	39.3
85°	40.7	38.0	31.5	27.5	26.2	26.2	24.9	23.6	24.9	23.6	23.6
87.5°	18.4	14.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
90°	0.9	3.1	5.3	7.5	9.7	10.8	11.6	13.2	14.8	16.4	18.0
92.5°	22.5	21.7	20.9	20.1	19.3	18.9	19.2	19.8	20.4	21.0	21.6
95°	58.4	51.8	45.2	38.7	32.1	28.8	29.5	30.9	32.3	33.7	35.1
97.5°	105.2	88.8	72.4	56.1	39.7	31.5	33.1	36.3	39.5	42.7	45.9
100°	159.1	131.7	104.4	77.0	49.7	36.0	37.7	41.1	44.4	47.8	51.2
102.5°	218.5	218.1	217.7	217.3	216.9	216.7	198.5	162.1	125.8	89.4	53.0
105°	273.3	279.3	285.3	291.3	297.3	300.3	273.0	218.5	163.9	109.4	54.8
107.5°	337.2	342.2	347.2	352.1	357.1	359.6	325.9	258.6	191.3	123.9	56.6
110°	398.3	402.5	406.7	410.9	415.1	417.2	388.3	330.6	272.8	215.1	157.3

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	455.9	459.5	463.1	466.6	470.2	472.0	470.3	466.9	463.6	460.2	456.8
115°	517.0	520.4	523.8	527.2	530.6	532.3	534.8	539.8	544.8	549.8	554.8
117.5°	570.0	574.0	578.0	582.0	586.0	588.0	589.7	593.1	596.5	599.9	603.3
120°	629.4	632.4	635.4	638.4	641.4	642.9	644.7	648.3	651.9	655.5	659.1
122.5°	679.7	682.9	686.1	689.3	692.5	694.1	696.1	700.1	704.1	708.1	712.1
125°	731.0	733.6	736.2	738.8	741.4	742.7	744.6	748.4	752.2	756.0	759.8
127.5°	777.7	780.5	783.3	786.1	788.9	790.3	791.8	794.8	797.8	800.8	803.8
130°	821.8	825.0	828.2	831.4	834.6	836.2	837.3	839.5	841.7	843.9	846.1
132.5°	866.8	869.4	872.0	874.5	877.1	878.4	879.5	881.7	883.9	886.1	888.3
135°	904.5	907.7	910.9	914.1	917.3	918.9	919.8	921.6	923.4	925.2	927.0
137.5°	944.1	946.5	948.9	951.3	953.7	954.9	955.9	957.9	959.9	961.9	963.9
140°	982.7	984.3	985.9	987.5	989.1	989.9	991.0	993.2	995.4	997.6	999.8
142.5°	1015.1	1016.5	1017.9	1019.3	1020.7	1021.4	1022.7	1025.3	1027.9	1030.5	1033.1
145°	1049.3	1049.1	1048.9	1048.7	1048.5	1048.4	1050.1	1053.5	1056.9	1060.3	1063.7
147.5°	1078.9	1078.3	1077.7	1077.1	1076.5	1076.2	1077.9	1081.3	1084.7	1088.1	1091.5
150°	1107.7	1106.3	1104.9	1103.5	1102.1	1101.4	1103.0	1106.2	1109.4	1112.6	1115.8
152.5°	1132.0	1130.4	1128.8	1127.2	1125.6	1124.8	1126.3	1129.3	1132.3	1135.3	1138.3
155°	1155.4	1153.6	1151.8	1150.0	1148.2	1147.3	1148.5	1150.9	1153.3	1155.7	1158.1
157.5°	1174.2	1172.6	1171.0	1169.5	1167.9	1167.1	1168.0	1169.8	1171.5	1173.3	1175.1
160°	1190.4	1189.2	1188.0	1186.8	1185.6	1185.0	1185.6	1186.8	1188.0	1189.2	1190.4
162.5°	1204.8	1203.6	1202.4	1201.2	1200.0	1199.4	1199.9	1200.9	1201.9	1202.9	1203.9
165°	1217.4	1216.2	1215.0	1213.8	1212.6	1212.0	1212.3	1212.9	1213.5	1214.1	1214.7
167.5°	1227.3	1226.1	1224.9	1223.7	1222.5	1221.9	1222.2	1222.8	1223.4	1224.0	1224.6
170°	1235.4	1234.2	1233.0	1231.8	1230.6	1230.0	1230.2	1230.6	1231.0	1231.4	1231.8
172.5°	1240.8	1239.6	1238.4	1237.2	1236.0	1235.4	1235.6	1236.0	1236.4	1236.8	1237.2
175°	1245.3	1243.9	1242.5	1241.1	1239.7	1239.0	1239.2	1239.6	1240.0	1240.4	1240.8
177.5°	1247.1	1245.7	1244.3	1242.9	1241.5	1240.8	1240.9	1241.1	1241.3	1241.5	1241.7
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0
2.5°	1953.9	1956.5	1960.5	1978.8	1981.4	1986.7	1984.1	1984.1	1985.4	1982.7	1984.1
5°	2037.8	2041.8	2061.4	2083.7	2089.0	2083.7	2090.3	2099.5	2099.5	2099.5	2096.8
7.5°	2116.5	2130.9	2153.2	2186.0	2192.6	2199.1	2210.9	2203.1	2205.7	2217.5	2213.5
10°	2192.6	2213.5	2238.5	2266.0	2280.4	2289.6	2294.8	2306.6	2334.2	2302.7	2314.5
12.5°	2264.7	2294.8	2321.1	2351.2	2361.7	2373.5	2377.5	2387.9	2387.9	2386.6	2395.8
15°	2311.9	2339.4	2363.0	2382.7	2385.3	2382.7	2380.1	2381.4	2385.3	2369.6	2378.8
17.5°	2322.4	2325.0	2332.9	2325.0	2326.3	2298.8	2283.0	2279.1	2242.4	2243.7	2273.9
20°	2271.2	2226.7	2214.9	2171.6	2145.4	2074.5	2071.9	2052.2	1974.9	1998.5	1993.2
22.5°	2130.9	2054.9	1953.9	1904.1	1879.1	1804.4	1746.7	1706.1	1678.5	1651.0	1639.2
25°	1946.0	1822.8	1679.8	1581.5	1567.1	1497.5	1391.3	1341.5	1282.5	1264.1	1295.6
27.5°	1707.4	1547.4	1386.1	1235.3	1207.7	1144.8	1091.0	1055.6	987.4	983.5	986.1
30°	1383.5	1222.2	1087.1	988.7	920.6	891.7	856.3	830.1	802.5	813.0	815.7
32.5°	1136.9	983.5	857.6	805.2	773.7	755.3	725.2	708.1	696.3	692.4	691.1
35°	903.5	801.2	744.8	693.7	675.3	662.2	639.9	632.1	621.6	622.9	622.9
37.5°	773.7	688.5	646.5	620.3	603.2	596.7	582.2	574.4	567.8	565.2	569.1
40°	667.5	608.5	582.2	558.6	544.2	541.6	533.7	524.5	516.7	518.0	521.9
42.5°	590.1	556.0	524.5	506.2	495.7	491.8	485.2	478.6	478.6	474.7	473.4
45°	528.5	500.9	474.7	457.7	451.1	445.9	438.0	436.7	431.4	432.7	434.1
47.5°	473.4	451.1	431.4	414.4	407.8	406.5	398.6	393.4	393.4	392.1	390.8
50°	423.6	401.3	384.2	375.0	365.9	363.2	361.9	360.6	358.0	358.0	359.3
52.5°	382.9	360.6	347.5	339.6	334.4	331.8	331.8	330.5	330.5	330.5	329.1
55°	338.3	320.0	309.5	306.9	304.2	302.9	301.6	299.0	297.7	300.3	297.7
57.5°	296.4	289.8	280.6	278.0	271.4	271.4	267.5	264.9	262.3	264.9	264.9
60°	263.6	254.4	249.2	241.3	236.0	230.8	224.2	222.9	220.3	219.0	217.7
62.5°	229.5	221.6	208.5	196.7	188.8	183.6	181.0	179.7	179.7	178.3	178.3
65°	191.5	173.1	166.5	162.6	161.3	160.0	157.4	156.0	157.4	156.0	157.4
67.5°	149.5	146.9	142.9	140.3	139.0	137.7	137.7	136.4	136.4	136.4	136.4
70°	129.8	123.3	122.0	119.3	119.3	118.0	118.0	118.0	118.0	116.7	119.3
72.5°	107.5	103.6	102.3	101.0	101.0	101.0	99.7	99.7	99.7	98.4	99.7
75°	87.9	86.5	83.9	83.9	82.6	83.9	82.6	82.6	81.3	82.6	82.6
77.5°	70.8	69.5	68.2	68.2	66.9	66.9	66.9	66.9	66.9	66.9	68.2
80°	53.8	52.5	51.1	52.5	51.1	52.5	51.1	51.1	52.5	51.1	51.1
82.5°	39.3	38.0	38.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
85°	23.6	22.3	22.3	23.6	22.3	23.6	22.3	22.3	22.3	23.6	23.6
87.5°	10.5	11.8	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	11.8
90°	19.0	20.0	21.0	22.0	22.5	22.7	23.1	23.5	23.9	24.3	23.9
92.5°	22.0	22.4	22.8	23.2	23.4	23.5	23.7	23.9	24.1	24.3	24.1
95°	36.1	37.1	38.1	39.1	39.6	39.5	39.3	39.1	38.9	38.7	38.9
97.5°	46.5	47.1	47.7	48.3	48.6	48.7	48.9	49.1	49.3	49.5	49.3
100°	52.8	54.4	56.0	57.6	58.4	58.6	59.0	59.4	59.8	60.2	59.8
102.5°	55.2	57.4	59.6	61.8	62.9	63.2	63.8	64.4	65.0	65.6	65.0
105°	57.0	59.2	61.4	63.6	64.7	65.1	65.9	66.7	67.5	68.3	67.5
107.5°	58.8	61.0	63.2	65.4	66.5	66.9	67.7	68.5	69.3	70.1	69.3
110°	137.3	117.3	97.4	77.4	67.4	67.8	68.6	69.4	70.2	71.0	70.2

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	370.7	284.5	198.4	112.3	69.2	69.5	70.1	70.7	71.3	71.9	71.3
115°	462.3	369.8	277.3	184.8	138.5	131.3	116.9	102.5	88.1	73.7	88.1
117.5°	574.7	546.1	517.6	489.0	474.7	448.5	396.2	343.9	291.5	239.2	291.5
120°	661.5	663.9	666.2	668.6	669.8	656.3	629.4	602.4	575.5	548.5	575.5
122.5°	713.3	714.5	715.7	716.9	717.5	717.6	717.8	718.0	718.2	718.4	718.2
125°	761.2	762.6	763.9	765.3	766.0	766.3	766.9	767.5	768.1	768.7	768.1
127.5°	805.8	807.8	809.8	811.8	812.8	812.9	813.1	813.3	813.5	813.7	813.5
130°	848.3	850.5	852.7	854.9	856.0	855.9	855.7	855.5	855.3	855.1	855.3
132.5°	890.1	891.9	893.7	895.5	896.4	896.3	896.1	895.9	895.7	895.5	895.7
135°	929.0	931.0	933.0	935.0	936.0	935.8	935.4	935.0	934.6	934.2	934.6
137.5°	965.9	967.9	969.8	971.8	972.8	972.5	971.9	971.3	970.7	970.1	970.7
140°	1001.6	1003.4	1005.2	1007.0	1007.9	1007.4	1006.4	1005.4	1004.4	1003.4	1004.4
142.5°	1034.7	1036.3	1037.9	1039.5	1040.3	1039.8	1038.8	1037.8	1036.8	1035.8	1036.8
145°	1065.1	1066.5	1067.9	1069.3	1070.0	1069.5	1068.5	1067.5	1066.5	1065.5	1066.5
147.5°	1092.5	1093.5	1094.5	1095.5	1096.0	1095.6	1094.8	1094.0	1093.2	1092.4	1093.2
150°	1117.0	1118.2	1119.4	1120.6	1121.2	1120.7	1119.7	1118.7	1117.7	1116.7	1117.7
152.5°	1139.5	1140.7	1141.9	1143.1	1143.7	1143.0	1141.6	1140.2	1138.8	1137.4	1138.8
155°	1159.3	1160.5	1161.7	1162.9	1163.5	1162.7	1161.1	1159.5	1157.9	1156.3	1157.9
157.5°	1176.5	1177.9	1179.3	1180.7	1181.4	1180.6	1179.0	1177.4	1175.8	1174.2	1175.8
160°	1191.6	1192.8	1194.0	1195.2	1195.8	1195.1	1193.7	1192.3	1190.9	1189.5	1190.9
162.5°	1205.3	1206.7	1208.1	1209.5	1210.2	1209.3	1207.5	1205.7	1203.9	1202.1	1203.9
165°	1216.1	1217.5	1218.9	1220.3	1221.0	1220.3	1218.9	1217.5	1216.1	1214.7	1216.1
167.5°	1226.0	1227.4	1228.8	1230.2	1230.9	1230.0	1228.2	1226.4	1224.6	1222.8	1224.6
170°	1233.2	1234.6	1236.0	1237.4	1238.1	1237.2	1235.4	1233.6	1231.8	1230.0	1231.8
172.5°	1238.6	1240.0	1241.4	1242.8	1243.5	1242.6	1240.8	1239.0	1237.2	1235.4	1237.2
175°	1242.2	1243.6	1245.0	1246.4	1247.1	1246.1	1244.1	1242.1	1240.1	1238.1	1240.1
177.5°	1243.1	1244.5	1245.9	1247.3	1248.0	1247.1	1245.3	1243.5	1241.7	1239.9	1241.7
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0
2.5°	1989.3	1980.1	1977.5	1980.1	1977.5	1978.8	1969.6	1935.5	1944.7	1930.3	1938.2
5°	2102.1	2094.2	2077.2	2074.5	2071.9	2069.3	2056.2	2026.0	2014.2	1994.5	1993.2
7.5°	2209.6	2209.6	2196.5	2187.3	2175.5	2166.3	2149.3	2104.7	2086.3	2062.7	2049.6
10°	2315.8	2281.7	2296.2	2287.0	2258.1	2252.9	2221.4	2195.2	2159.8	2136.2	2115.2
12.5°	2391.9	2381.4	2368.3	2360.4	2352.5	2335.5	2314.5	2247.6	2229.3	2182.1	2158.5
15°	2389.3	2382.7	2386.6	2386.6	2384.0	2380.1	2363.0	2314.5	2283.0	2237.1	2196.5
17.5°	2260.7	2277.8	2294.8	2306.6	2332.9	2344.7	2360.4	2331.6	2311.9	2272.6	2229.3
20°	2036.5	2078.5	2128.3	2138.8	2162.4	2231.9	2263.4	2288.3	2296.2	2283.0	2247.6
22.5°	1724.4	1759.8	1880.5	1877.8	1911.9	1994.5	2086.3	2161.1	2220.1	2252.9	2239.8
25°	1350.7	1400.5	1464.8	1513.3	1624.7	1748.0	1862.1	1981.4	2083.7	2174.2	2196.5
27.5°	1021.5	1087.1	1138.2	1202.5	1258.9	1404.4	1551.3	1737.5	1856.9	2028.6	2117.8
30°	826.1	856.3	907.4	937.6	965.1	1076.6	1243.1	1426.7	1636.6	1834.6	1988.0
32.5°	705.5	726.5	764.5	777.6	806.5	881.2	986.1	1154.0	1370.3	1610.3	1812.3
35°	633.4	655.7	663.5	675.3	698.9	746.2	818.3	940.2	1135.6	1370.3	1611.6
37.5°	571.7	583.5	605.8	613.7	621.6	657.0	705.5	790.7	920.6	1113.3	1380.8
40°	528.5	535.0	546.8	553.4	558.6	583.5	626.8	684.5	780.2	927.1	1173.6
42.5°	482.6	490.4	498.3	506.2	512.7	532.4	558.6	613.7	678.0	789.4	967.8
45°	438.0	443.2	452.4	457.7	466.8	482.6	506.2	544.2	601.9	672.7	817.0
47.5°	397.3	403.9	407.8	414.4	420.9	438.0	460.3	485.2	532.4	601.9	706.8
50°	360.6	368.5	373.7	375.0	380.3	396.0	414.4	441.9	472.1	525.8	617.6
52.5°	334.4	335.7	339.6	344.9	343.6	352.8	369.8	390.8	422.3	465.5	532.4
55°	304.2	308.2	310.8	312.1	312.1	320.0	329.1	348.8	373.7	409.1	465.5
57.5°	266.2	270.1	278.0	280.6	284.6	288.5	292.4	305.5	326.5	360.6	406.5
60°	226.9	229.5	237.4	242.6	245.2	255.7	261.0	271.4	283.2	308.2	351.4
62.5°	182.3	184.9	188.8	194.1	199.3	215.1	228.2	238.7	247.8	264.9	300.3
65°	158.7	160.0	162.6	163.9	165.2	171.8	183.6	198.0	215.1	228.2	249.2
67.5°	137.7	139.0	140.3	142.9	144.2	145.6	150.8	154.7	171.8	190.1	205.9
70°	118.0	120.6	122.0	122.0	123.3	125.9	128.5	133.8	139.0	148.2	167.9
72.5°	99.7	101.0	103.6	103.6	103.6	106.2	108.8	111.5	114.1	119.3	127.2
75°	82.6	85.2	85.2	85.2	86.5	86.5	89.2	91.8	94.4	98.4	101.0
77.5°	68.2	68.2	68.2	68.2	69.5	69.5	70.8	73.4	74.7	76.1	78.7
80°	51.1	52.5	52.5	52.5	53.8	53.8	53.8	56.4	57.7	57.7	60.3
82.5°	38.0	38.0	38.0	39.3	38.0	39.3	39.3	40.7	39.3	40.7	42.0
85°	23.6	23.6	23.6	24.9	24.9	24.9	24.9	24.9	24.9	24.9	26.2
87.5°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	13.1	11.8	11.8
90°	23.5	23.1	22.7	22.5	22.0	21.0	20.0	19.0	18.0	16.4	14.8
92.5°	23.9	23.7	23.5	23.4	23.2	22.8	22.4	22.0	21.6	21.0	20.4
95°	39.1	39.3	39.5	39.6	39.1	38.1	37.1	36.1	35.1	33.7	32.3
97.5°	49.1	48.9	48.7	48.6	48.3	47.7	47.1	46.5	45.9	42.7	39.5
100°	59.4	59.0	58.6	58.4	57.6	56.0	54.4	52.8	51.2	47.8	44.4
102.5°	64.4	63.8	63.2	62.9	61.8	59.6	57.4	55.2	53.0	49.4	45.8
105°	66.7	65.9	65.1	64.7	63.6	61.4	59.2	57.0	54.8	50.4	46.9
107.5°	68.5	67.7	66.9	66.5	65.4	63.2	61.0	58.8	56.6	52.9	49.3
110°	69.4	68.6	67.8	67.4	77.4	97.4	117.3	137.3	157.3	215.1	272.8

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CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	70.7	70.1	69.5	69.2	112.3	198.4	284.5	370.7	456.8	460.2	463.6
115°	102.5	116.9	131.3	138.5	184.8	277.3	369.8	462.3	554.8	549.8	544.8
117.5°	343.9	396.2	448.5	474.7	489.0	517.6	546.1	574.7	603.3	599.9	596.5
120°	602.4	629.4	656.3	669.8	668.6	666.2	663.9	661.5	659.1	655.5	651.9
122.5°	718.0	717.8	717.6	717.5	716.9	715.7	714.5	713.3	712.1	708.1	704.1
125°	767.5	766.9	766.3	766.0	765.3	763.9	762.6	761.2	759.8	756.0	752.2
127.5°	813.3	813.1	812.9	812.8	811.8	809.8	807.8	805.8	803.8	800.8	797.8
130°	855.5	855.7	855.9	856.0	854.9	852.7	850.5	848.3	846.1	843.9	841.7
132.5°	895.9	896.1	896.3	896.4	895.5	893.7	891.9	890.1	888.3	886.1	883.9
135°	935.0	935.4	935.8	936.0	935.0	933.0	931.0	929.0	927.0	925.2	923.4
137.5°	971.3	971.9	972.5	972.8	971.8	969.8	967.9	965.9	963.9	961.9	959.9
140°	1005.4	1006.4	1007.4	1007.9	1007.0	1005.2	1003.4	1001.6	999.8	997.6	995.4
142.5°	1037.8	1038.8	1039.8	1040.3	1039.5	1037.9	1036.3	1034.7	1033.1	1030.5	1027.9
145°	1067.5	1068.5	1069.5	1070.0	1069.3	1067.9	1066.5	1065.1	1063.7	1060.3	1056.9
147.5°	1094.0	1094.8	1095.6	1096.0	1095.5	1094.5	1093.5	1092.5	1091.5	1088.1	1084.7
150°	1118.7	1119.7	1120.7	1121.2	1120.6	1119.4	1118.2	1117.0	1115.8	1112.6	1109.4
152.5°	1140.2	1141.6	1143.0	1143.7	1143.1	1141.9	1140.7	1139.5	1138.3	1135.3	1132.3
155°	1159.5	1161.1	1162.7	1163.5	1162.9	1161.7	1160.5	1159.3	1158.1	1155.7	1153.3
157.5°	1177.4	1179.0	1180.6	1181.4	1180.7	1179.3	1177.9	1176.5	1175.1	1173.3	1171.5
160°	1192.3	1193.7	1195.1	1195.8	1195.2	1194.0	1192.8	1191.6	1190.4	1189.2	1188.0
162.5°	1205.7	1207.5	1209.3	1210.2	1209.5	1208.1	1206.7	1205.3	1203.9	1202.9	1201.9
165°	1217.5	1218.9	1220.3	1221.0	1220.3	1218.9	1217.5	1216.1	1214.7	1214.1	1213.5
167.5°	1226.4	1228.2	1230.0	1230.9	1230.2	1228.8	1227.4	1226.0	1224.6	1224.0	1223.4
170°	1233.6	1235.4	1237.2	1238.1	1237.4	1236.0	1234.6	1233.2	1231.8	1231.4	1231.0
172.5°	1239.0	1240.8	1242.6	1243.5	1242.8	1241.4	1240.0	1238.6	1237.2	1236.8	1236.4
175°	1242.1	1244.1	1246.1	1247.1	1246.4	1245.0	1243.6	1242.2	1240.8	1240.4	1240.0
177.5°	1243.5	1245.3	1247.1	1248.0	1247.3	1245.9	1244.5	1243.1	1241.7	1241.5	1241.3
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0
2.5°	1926.4	1919.8	1919.8	1915.9	1915.9	1894.9	1894.9	1901.4	1893.6	1884.4	1871.3
5°	1976.2	1961.8	1957.8	1952.6	1935.5	1909.3	1898.8	1894.9	1879.1	1859.5	1837.2
7.5°	2023.4	1999.8	1988.0	1976.2	1953.9	1917.2	1896.2	1881.8	1858.2	1828.0	1799.2
10°	2069.3	2039.1	2009.0	1994.5	1963.1	1917.2	1887.0	1863.4	1829.3	1788.7	1748.0
12.5°	2111.3	2048.3	2043.1	2014.2	1968.3	1915.9	1870.0	1835.9	1792.6	1745.4	1698.2
15°	2148.0	2083.7	2052.2	2026.0	1965.7	1900.1	1851.6	1809.6	1751.9	1698.2	1640.5
17.5°	2166.3	2096.8	2075.9	2032.6	1970.9	1885.7	1820.1	1769.0	1706.1	1641.8	1576.2
20°	2184.7	2103.4	2069.3	2039.1	1955.2	1858.2	1784.7	1725.7	1656.2	1580.2	1508.0
22.5°	2193.9	2103.4	2062.7	2020.8	1939.5	1828.0	1741.5	1672.0	1590.7	1513.3	1426.7
25°	2178.1	2095.5	2047.0	2003.7	1911.9	1791.3	1691.6	1612.9	1526.4	1438.5	1350.7
27.5°	2138.8	2077.2	2020.8	1976.2	1873.9	1744.1	1639.2	1550.0	1460.8	1362.5	1273.3
30°	2065.4	2037.8	1993.2	1943.4	1831.9	1702.1	1577.5	1485.7	1387.4	1289.0	1195.9
32.5°	1951.3	1974.9	1946.0	1902.8	1782.1	1644.4	1512.0	1418.9	1311.3	1205.1	1119.9
35°	1812.3	1896.2	1880.5	1850.3	1729.7	1582.8	1450.3	1337.6	1230.0	1122.5	1037.3
37.5°	1660.2	1787.4	1800.5	1782.1	1669.3	1519.8	1374.3	1264.1	1154.0	1045.1	958.6
40°	1451.7	1647.0	1689.0	1696.9	1606.4	1443.8	1291.7	1184.1	1075.3	969.1	864.2
42.5°	1260.2	1506.7	1559.2	1592.0	1526.4	1369.0	1215.6	1096.3	988.7	893.0	788.1
45°	1080.5	1337.6	1422.8	1464.8	1435.9	1283.8	1125.1	1013.7	915.3	827.5	726.5
47.5°	895.6	1154.0	1273.3	1340.2	1340.2	1197.3	1038.6	928.4	834.0	759.3	670.1
50°	772.4	987.4	1110.7	1198.6	1222.2	1109.4	959.9	852.4	763.2	681.9	613.7
52.5°	658.3	851.1	953.3	1045.1	1113.3	1015.0	872.0	775.0	687.1	611.1	557.3
55°	569.1	713.4	806.5	907.4	983.5	919.2	786.8	692.4	616.3	553.4	507.5
57.5°	483.9	609.8	685.8	775.0	856.3	807.8	701.6	620.3	553.4	498.3	457.7
60°	411.8	514.0	573.1	642.6	743.5	709.4	621.6	546.8	493.1	443.2	409.1
62.5°	350.1	431.4	481.3	531.1	622.9	607.2	539.0	481.3	435.4	393.4	364.6
65°	287.2	354.1	393.4	436.7	510.1	516.7	461.6	420.9	379.0	342.3	316.0
67.5°	232.1	284.6	320.0	356.7	415.7	434.1	396.0	361.9	326.5	296.4	272.8
70°	187.5	224.2	250.5	279.3	327.8	350.1	330.5	306.9	278.0	253.1	232.1
72.5°	148.2	171.8	187.5	209.8	249.2	271.4	270.1	249.2	228.2	211.1	194.1
75°	108.8	127.2	140.3	154.7	186.2	207.2	212.4	203.3	182.3	169.2	156.0
77.5°	82.6	93.1	99.7	110.2	132.4	150.8	158.7	156.0	141.6	131.1	122.0
80°	62.9	65.6	68.2	72.1	90.5	107.5	112.8	111.5	103.6	99.7	89.2
82.5°	44.6	45.9	47.2	48.5	55.1	69.5	74.7	77.4	70.8	66.9	57.7
85°	26.2	27.5	27.5	30.2	31.5	35.4	44.6	44.6	43.3	38.0	36.7
87.5°	13.1	13.1	11.8	11.8	13.1	14.4	17.0	19.7	17.0	15.7	14.4
90°	13.2	11.6	10.8	9.7	7.5	5.3	3.1	0.9	3.1	5.3	7.5
92.5°	19.8	19.2	18.9	19.3	20.1	20.9	21.7	22.5	21.7	20.9	20.1
95°	30.9	29.5	28.8	32.1	38.7	45.2	51.8	58.4	51.8	45.2	38.7
97.5°	36.3	33.1	31.5	39.7	56.1	72.4	88.8	105.2	88.8	72.4	56.1
100°	41.1	37.7	36.0	49.7	77.0	104.4	131.7	159.1	131.7	104.4	77.0
102.5°	162.1	198.5	216.7	216.9	217.3	217.7	218.1	218.5	218.1	217.7	217.3
105°	218.5	273.0	300.3	297.3	291.3	285.3	279.3	273.3	279.3	285.3	291.3
107.5°	258.6	325.9	359.6	357.1	352.1	347.2	342.2	337.2	342.2	347.2	352.1
110°	330.6	388.3	417.2	415.1	410.9	406.7	402.5	398.3	402.5	406.7	410.9

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	466.9	470.3	472.0	470.2	466.6	463.1	459.5	455.9	459.5	463.1	466.6
115°	539.8	534.8	532.3	530.6	527.2	523.8	520.4	517.0	520.4	523.8	527.2
117.5°	593.1	589.7	588.0	586.0	582.0	578.0	574.0	570.0	574.0	578.0	582.0
120°	648.3	644.7	642.9	641.4	638.4	635.4	632.4	629.4	632.4	635.4	638.4
122.5°	700.1	696.1	694.1	692.5	689.3	686.1	682.9	679.7	682.9	686.1	689.3
125°	748.4	744.6	742.7	741.4	738.8	736.2	733.6	731.0	733.6	736.2	738.8
127.5°	794.8	791.8	790.3	788.9	786.1	783.3	780.5	777.7	780.5	783.3	786.1
130°	839.5	837.3	836.2	834.6	831.4	828.2	825.0	821.8	825.0	828.2	831.4
132.5°	881.7	879.5	878.4	877.1	874.5	872.0	869.4	866.8	869.4	872.0	874.5
135°	921.6	919.8	918.9	917.3	914.1	910.9	907.7	904.5	907.7	910.9	914.1
137.5°	957.9	955.9	954.9	953.7	951.3	948.9	946.5	944.1	946.5	948.9	951.3
140°	993.2	991.0	989.9	989.1	987.5	985.9	984.3	982.7	984.3	985.9	987.5
142.5°	1025.3	1022.7	1021.4	1020.7	1019.3	1017.9	1016.5	1015.1	1016.5	1017.9	1019.3
145°	1053.5	1050.1	1048.4	1048.5	1048.7	1048.9	1049.1	1049.3	1049.1	1048.9	1048.7
147.5°	1081.3	1077.9	1076.2	1076.5	1077.1	1077.7	1078.3	1078.9	1078.3	1077.7	1077.1
150°	1106.2	1103.0	1101.4	1102.1	1103.5	1104.9	1106.3	1107.7	1106.3	1104.9	1103.5
152.5°	1129.3	1126.3	1124.8	1125.6	1127.2	1128.8	1130.4	1132.0	1130.4	1128.8	1127.2
155°	1150.9	1148.5	1147.3	1148.2	1150.0	1151.8	1153.6	1155.4	1153.6	1151.8	1150.0
157.5°	1169.8	1168.0	1167.1	1167.9	1169.5	1171.0	1172.6	1174.2	1172.6	1171.0	1169.5
160°	1186.8	1185.6	1185.0	1185.6	1186.8	1188.0	1189.2	1190.4	1189.2	1188.0	1186.8
162.5°	1200.9	1199.9	1199.4	1200.0	1201.2	1202.4	1203.6	1204.8	1203.6	1202.4	1201.2
165°	1212.9	1212.3	1212.0	1212.6	1213.8	1215.0	1216.2	1217.4	1216.2	1215.0	1213.8
167.5°	1222.8	1222.2	1221.9	1222.5	1223.7	1224.9	1226.1	1227.3	1226.1	1224.9	1223.7
170°	1230.6	1230.2	1230.0	1230.6	1231.8	1233.0	1234.2	1235.4	1234.2	1233.0	1231.8
172.5°	1236.0	1235.6	1235.4	1236.0	1237.2	1238.4	1239.6	1240.8	1239.6	1238.4	1237.2
175°	1239.6	1239.2	1239.0	1239.7	1241.1	1242.5	1243.9	1245.3	1243.9	1242.5	1241.1
177.5°	1241.1	1240.9	1240.8	1241.5	1242.9	1244.3	1245.7	1247.1	1245.7	1244.3	1242.9
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0
2.5°	1866.0	1867.3	1871.3	1859.5	1841.1	1833.3	1809.6	1805.7	1801.8	1801.8	1805.7
5°	1824.1	1818.8	1820.1	1797.8	1771.6	1755.9	1723.1	1728.3	1711.3	1700.8	1703.4
7.5°	1778.2	1763.8	1762.4	1733.6	1700.8	1672.0	1637.9	1630.0	1614.3	1595.9	1588.0
10°	1720.5	1710.0	1690.3	1657.5	1615.6	1592.0	1546.1	1518.5	1514.6	1487.1	1476.6
12.5°	1661.5	1643.1	1623.4	1577.5	1530.3	1492.3	1458.2	1428.0	1407.1	1383.5	1367.7
15°	1593.3	1571.0	1548.7	1500.2	1445.1	1407.1	1355.9	1311.3	1249.7	1201.2	1173.6
17.5°	1518.5	1493.6	1463.5	1409.7	1355.9	1303.5	1209.1	1156.6	1113.3	1084.5	1067.4
20°	1441.2	1413.6	1383.5	1329.7	1236.6	1144.8	1092.3	1051.7	1025.5	996.6	975.6
22.5°	1359.9	1331.0	1298.2	1214.3	1115.9	1051.7	1011.0	973.0	935.0	919.2	908.8
25°	1283.8	1257.6	1215.6	1101.5	1024.2	965.1	919.2	894.3	874.7	853.7	834.0
27.5°	1205.1	1156.6	1097.6	1001.9	953.3	893.0	860.2	841.9	807.8	793.4	784.2
30°	1110.7	1056.9	1000.6	932.4	876.0	834.0	803.9	773.7	754.0	739.6	723.9
32.5°	1015.0	963.8	928.4	857.6	815.7	772.4	743.5	725.2	696.3	687.1	680.6
35°	932.4	889.1	857.6	799.9	760.6	721.2	700.3	672.7	654.4	637.3	626.8
37.5°	851.1	827.5	794.7	746.2	704.2	672.7	643.9	634.7	609.8	600.6	590.1
40°	794.7	759.3	731.7	689.8	654.4	620.3	601.9	580.9	563.9	549.5	545.5
42.5°	726.5	700.3	684.5	638.6	601.9	582.2	559.9	536.3	523.2	511.4	497.0
45°	675.3	651.7	629.4	592.7	559.9	535.0	515.4	499.6	477.3	472.1	449.8
47.5°	621.6	598.0	580.9	544.2	514.0	490.4	476.0	455.0	436.7	424.9	414.4
50°	567.8	548.1	532.4	500.9	474.7	449.8	430.1	409.1	401.3	381.6	375.0
52.5°	516.7	503.6	486.5	456.3	430.1	409.1	388.2	371.1	359.3	348.8	340.9
55°	473.4	452.4	444.5	411.8	389.5	367.2	348.8	338.3	323.9	317.3	310.8
57.5°	424.9	413.1	400.0	375.0	350.1	329.1	316.0	300.3	292.4	284.6	279.3
60°	382.9	365.9	355.4	334.4	312.1	292.4	280.6	268.8	258.3	251.8	241.3
62.5°	334.4	321.3	314.7	292.4	274.1	255.7	245.2	233.4	225.6	213.7	200.6
65°	292.4	281.9	274.1	255.7	238.7	221.6	211.1	196.7	186.2	179.7	178.3
67.5°	255.7	247.8	236.0	219.0	201.9	188.8	177.0	165.2	163.9	161.3	161.3
70°	215.1	207.2	200.6	182.3	167.9	153.4	150.8	146.9	142.9	141.6	139.0
72.5°	179.7	173.1	165.2	149.5	135.1	131.1	128.5	125.9	122.0	120.6	119.3
75°	145.6	136.4	131.1	116.7	112.8	110.2	107.5	103.6	101.0	99.7	97.0
77.5°	111.5	102.3	102.3	94.4	91.8	87.9	85.2	82.6	81.3	78.7	78.7
80°	78.7	78.7	76.1	72.1	68.2	66.9	62.9	61.6	60.3	61.6	59.0
82.5°	57.7	52.5	52.5	49.8	47.2	45.9	43.3	43.3	42.0	42.0	42.0
85°	32.8	32.8	31.5	28.8	27.5	27.5	26.2	26.2	24.9	24.9	23.6
87.5°	13.1	11.8	13.1	11.8	11.8	10.5	10.5	10.5	9.2	10.5	9.2
90°	9.7	10.8	11.6	13.2	14.8	16.4	18.0	19.0	20.0	21.0	22.0
92.5°	19.3	18.9	19.2	19.8	20.4	21.0	21.6	22.0	22.4	22.8	23.2
95°	32.1	28.8	29.5	30.9	32.3	33.7	35.1	36.1	37.1	38.1	39.1
97.5°	39.7	31.5	33.1	36.3	39.5	42.7	45.9	46.5	47.1	47.7	48.3
100°	49.7	36.0	37.7	41.1	44.4	47.8	51.2	52.8	54.4	56.0	57.6
102.5°	216.9	216.7	198.5	162.1	125.8	89.4	53.0	55.2	57.4	59.6	61.8
105°	297.3	300.3	273.0	218.5	163.9	109.4	54.8	57.0	59.2	61.4	63.6
107.5°	357.1	359.6	325.9	258.6	191.3	123.9	56.6	58.8	61.0	63.2	65.4
110°	415.1	417.2	388.3	330.6	272.8	215.1	157.3	137.3	117.3	97.4	77.4

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	470.2	472.0	470.3	466.9	463.6	460.2	456.8	370.7	284.5	198.4	112.3
115°	530.6	532.3	534.8	539.8	544.8	549.8	554.8	462.3	369.8	277.3	184.8
117.5°	586.0	588.0	589.7	593.1	596.5	599.9	603.3	574.7	546.1	517.6	489.0
120°	641.4	642.9	644.7	648.3	651.9	655.5	659.1	661.5	663.9	666.2	668.6
122.5°	692.5	694.1	696.1	700.1	704.1	708.1	712.1	713.3	714.5	715.7	716.9
125°	741.4	742.7	744.6	748.4	752.2	756.0	759.8	761.2	762.6	763.9	765.3
127.5°	788.9	790.3	791.8	794.8	797.8	800.8	803.8	805.8	807.8	809.8	811.8
130°	834.6	836.2	837.3	839.5	841.7	843.9	846.1	848.3	850.5	852.7	854.9
132.5°	877.1	878.4	879.5	881.7	883.9	886.1	888.3	890.1	891.9	893.7	895.5
135°	917.3	918.9	919.8	921.6	923.4	925.2	927.0	929.0	931.0	933.0	935.0
137.5°	953.7	954.9	955.9	957.9	959.9	961.9	963.9	965.9	967.9	969.8	971.8
140°	989.1	989.9	991.0	993.2	995.4	997.6	999.8	1001.6	1003.4	1005.2	1007.0
142.5°	1020.7	1021.4	1022.7	1025.3	1027.9	1030.5	1033.1	1034.7	1036.3	1037.9	1039.5
145°	1048.5	1048.4	1050.1	1053.5	1056.9	1060.3	1063.7	1065.1	1066.5	1067.9	1069.3
147.5°	1076.5	1076.2	1077.9	1081.3	1084.7	1088.1	1091.5	1092.5	1093.5	1094.5	1095.5
150°	1102.1	1101.4	1103.0	1106.2	1109.4	1112.6	1115.8	1117.0	1118.2	1119.4	1120.6
152.5°	1125.6	1124.8	1126.3	1129.3	1132.3	1135.3	1138.3	1139.5	1140.7	1141.9	1143.1
155°	1148.2	1147.3	1148.5	1150.9	1153.3	1155.7	1158.1	1159.3	1160.5	1161.7	1162.9
157.5°	1167.9	1167.1	1168.0	1169.8	1171.5	1173.3	1175.1	1176.5	1177.9	1179.3	1180.7
160°	1185.6	1185.0	1185.6	1186.8	1188.0	1189.2	1190.4	1191.6	1192.8	1194.0	1195.2
162.5°	1200.0	1199.4	1199.9	1200.9	1201.9	1202.9	1203.9	1205.3	1206.7	1208.1	1209.5
165°	1212.6	1212.0	1212.3	1212.9	1213.5	1214.1	1214.7	1216.1	1217.5	1218.9	1220.3
167.5°	1222.5	1221.9	1222.2	1222.8	1223.4	1224.0	1224.6	1226.0	1227.4	1228.8	1230.2
170°	1230.6	1230.0	1230.2	1230.6	1231.0	1231.4	1231.8	1233.2	1234.6	1236.0	1237.4
172.5°	1236.0	1235.4	1235.6	1236.0	1236.4	1236.8	1237.2	1238.6	1240.0	1241.4	1242.8
175°	1239.7	1239.0	1239.2	1239.6	1240.0	1240.4	1240.8	1242.2	1243.6	1245.0	1246.4
177.5°	1241.5	1240.8	1240.9	1241.1	1241.3	1241.5	1241.7	1243.1	1244.5	1245.9	1247.3
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0
2.5°	1805.7	1803.1	1795.2	1797.8	1793.9	1793.9	1791.3	1791.3	1791.3	1797.8	1793.9
5°	1707.4	1698.2	1689.0	1685.1	1681.1	1677.2	1677.2	1675.9	1687.7	1685.1	1695.6
7.5°	1585.4	1582.8	1564.4	1564.4	1557.9	1555.2	1561.8	1563.1	1564.4	1567.1	1573.6
10°	1476.6	1470.0	1443.8	1446.4	1442.5	1437.2	1441.2	1438.5	1447.7	1450.3	1447.7
12.5°	1348.1	1336.3	1307.4	1293.0	1277.2	1265.4	1279.9	1269.4	1306.1	1316.6	1345.4
15°	1177.6	1155.3	1135.6	1135.6	1121.2	1110.7	1117.3	1129.1	1136.9	1148.7	1154.0
17.5°	1063.5	1054.3	1038.6	1029.4	1025.5	1021.5	1021.5	1026.8	1043.8	1042.5	1053.0
20°	966.5	961.2	953.3	941.5	937.6	935.0	935.0	935.0	946.8	957.3	963.8
22.5°	899.6	895.6	890.4	874.7	866.8	864.2	870.7	874.7	883.8	891.7	898.3
25°	832.7	823.5	814.3	809.1	805.2	805.2	807.8	809.1	813.0	817.0	824.8
27.5°	777.6	771.1	758.0	743.5	743.5	739.6	742.2	744.8	754.0	767.1	773.7
30°	716.0	714.7	709.4	704.2	698.9	696.3	701.6	705.5	706.8	713.4	713.4
32.5°	671.4	662.2	653.0	647.8	645.2	643.9	645.2	650.4	650.4	658.3	667.5
35°	626.8	621.6	612.4	603.2	600.6	594.0	599.3	604.5	613.7	617.6	621.6
37.5°	578.3	571.7	567.8	565.2	559.9	561.3	557.3	565.2	573.1	571.7	574.4
40°	541.6	529.8	518.0	516.7	515.4	514.0	514.0	515.4	520.6	525.8	533.7
42.5°	494.4	490.4	480.0	469.5	466.8	464.2	461.6	466.8	477.3	486.5	490.4
45°	445.9	440.6	438.0	430.1	424.9	423.6	420.9	427.5	436.7	440.6	443.2
47.5°	401.3	400.0	392.1	393.4	389.5	390.8	389.5	393.4	393.4	397.3	400.0
50°	371.1	367.2	363.2	360.6	356.7	356.7	355.4	356.7	361.9	367.2	365.9
52.5°	340.9	334.4	333.1	331.8	329.1	331.8	327.8	329.1	334.4	337.0	335.7
55°	305.5	304.2	301.6	299.0	297.7	296.4	296.4	296.4	301.6	305.5	306.9
57.5°	278.0	271.4	266.2	266.2	261.0	259.6	262.3	263.6	267.5	270.1	272.8
60°	240.0	237.4	229.5	225.6	217.7	216.4	216.4	221.6	228.2	237.4	240.0
62.5°	199.3	195.4	194.1	194.1	194.1	194.1	194.1	194.1	194.1	195.4	195.4
65°	177.0	178.3	177.0	175.7	177.0	177.0	175.7	175.7	175.7	177.0	178.3
67.5°	158.7	157.4	158.7	157.4	156.0	156.0	154.7	156.0	157.4	158.7	158.7
70°	137.7	137.7	136.4	137.7	136.4	135.1	133.8	133.8	136.4	137.7	137.7
72.5°	118.0	118.0	116.7	116.7	114.1	114.1	115.4	114.1	114.1	118.0	118.0
75°	98.4	97.0	95.7	95.7	94.4	94.4	94.4	93.1	95.7	95.7	97.0
77.5°	77.4	77.4	77.4	76.1	76.1	74.7	74.7	76.1	76.1	76.1	77.4
80°	59.0	59.0	59.0	57.7	56.4	56.4	56.4	56.4	56.4	57.7	56.4
82.5°	40.7	40.7	40.7	40.7	40.7	39.3	39.3	39.3	40.7	40.7	39.3
85°	24.9	23.6	24.9	24.9	23.6	24.9	23.6	23.6	22.3	22.3	23.6
87.5°	10.5	9.2	7.9	7.9	9.2	7.9	7.9	7.9	9.2	7.9	7.9
90°	22.5	22.7	23.1	23.5	23.9	24.3	23.9	23.5	23.1	22.7	22.5
92.5°	23.4	23.5	23.7	23.9	24.1	24.3	24.1	23.9	23.7	23.5	23.4
95°	39.6	39.5	39.3	39.1	38.9	38.7	38.9	39.1	39.3	39.5	39.6
97.5°	48.6	48.7	48.9	49.1	49.3	49.5	49.3	49.1	48.9	48.7	48.6
100°	58.4	58.6	59.0	59.4	59.8	60.2	59.8	59.4	59.0	58.6	58.4
102.5°	62.9	63.2	63.8	64.4	65.0	65.6	65.0	64.4	63.8	63.2	62.9
105°	64.7	65.1	65.9	66.7	67.5	68.3	67.5	66.7	65.9	65.1	64.7
107.5°	66.5	66.9	67.7	68.5	69.3	70.1	69.3	68.5	67.7	66.9	66.5
110°	67.4	67.8	68.6	69.4	70.2	71.0	70.2	69.4	68.6	67.8	67.4

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	69.2	69.5	70.1	70.7	71.3	71.9	71.3	70.7	70.1	69.5	69.2
115°	138.5	131.3	116.9	102.5	88.1	73.7	88.1	102.5	116.9	131.3	138.5
117.5°	474.7	448.5	396.2	343.9	291.5	239.2	291.5	343.9	396.2	448.5	474.7
120°	669.8	656.3	629.4	602.4	575.5	548.5	575.5	602.4	629.4	656.3	669.8
122.5°	717.5	717.6	717.8	718.0	718.2	718.4	718.2	718.0	717.8	717.6	717.5
125°	766.0	766.3	766.9	767.5	768.1	768.7	768.1	767.5	766.9	766.3	766.0
127.5°	812.8	812.9	813.1	813.3	813.5	813.7	813.5	813.3	813.1	812.9	812.8
130°	856.0	855.9	855.7	855.5	855.3	855.1	855.3	855.5	855.7	855.9	856.0
132.5°	896.4	896.3	896.1	895.9	895.7	895.5	895.7	895.9	896.1	896.3	896.4
135°	936.0	935.8	935.4	935.0	934.6	934.2	934.6	935.0	935.4	935.8	936.0
137.5°	972.8	972.5	971.9	971.3	970.7	970.1	970.7	971.3	971.9	972.5	972.8
140°	1007.9	1007.4	1006.4	1005.4	1004.4	1003.4	1004.4	1005.4	1006.4	1007.4	1007.9
142.5°	1040.3	1039.8	1038.8	1037.8	1036.8	1035.8	1036.8	1037.8	1038.8	1039.8	1040.3
145°	1070.0	1069.5	1068.5	1067.5	1066.5	1065.5	1066.5	1067.5	1068.5	1069.5	1070.0
147.5°	1096.0	1095.6	1094.8	1094.0	1093.2	1092.4	1093.2	1094.0	1094.8	1095.6	1096.0
150°	1121.2	1120.7	1119.7	1118.7	1117.7	1116.7	1117.7	1118.7	1119.7	1120.7	1121.2
152.5°	1143.7	1143.0	1141.6	1140.2	1138.8	1137.4	1138.8	1140.2	1141.6	1143.0	1143.7
155°	1163.5	1162.7	1161.1	1159.5	1157.9	1156.3	1157.9	1159.5	1161.1	1162.7	1163.5
157.5°	1181.4	1180.6	1179.0	1177.4	1175.8	1174.2	1175.8	1177.4	1179.0	1180.6	1181.4
160°	1195.8	1195.1	1193.7	1192.3	1190.9	1189.5	1190.9	1192.3	1193.7	1195.1	1195.8
162.5°	1210.2	1209.3	1207.5	1205.7	1203.9	1202.1	1203.9	1205.7	1207.5	1209.3	1210.2
165°	1221.0	1220.3	1218.9	1217.5	1216.1	1214.7	1216.1	1217.5	1218.9	1220.3	1221.0
167.5°	1230.9	1230.0	1228.2	1226.4	1224.6	1222.8	1224.6	1226.4	1228.2	1230.0	1230.9
170°	1238.1	1237.2	1235.4	1233.6	1231.8	1230.0	1231.8	1233.6	1235.4	1237.2	1238.1
172.5°	1243.5	1242.6	1240.8	1239.0	1237.2	1235.4	1237.2	1239.0	1240.8	1242.6	1243.5
175°	1247.1	1246.1	1244.1	1242.1	1240.1	1238.1	1240.1	1242.1	1244.1	1246.1	1247.1
177.5°	1248.0	1247.1	1245.3	1243.5	1241.7	1239.9	1241.7	1243.5	1245.3	1247.1	1248.0
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0	1887.0
2.5°	1797.8	1804.4	1801.8	1787.4	1801.8	1805.7	1813.6	1821.5	1826.7	1834.6	1841.1
5°	1685.1	1698.2	1706.1	1698.2	1724.4	1728.3	1746.7	1757.2	1772.9	1786.0	1796.5
7.5°	1578.9	1589.3	1605.1	1607.7	1623.4	1641.8	1668.0	1694.3	1719.2	1732.3	1744.1
10°	1464.8	1483.1	1506.7	1501.5	1525.1	1553.9	1581.5	1623.4	1644.4	1668.0	1689.0
12.5°	1350.7	1362.5	1394.0	1404.4	1438.5	1460.8	1498.9	1525.1	1577.5	1605.1	1623.4
15°	1151.4	1199.9	1239.2	1286.4	1331.0	1373.0	1407.1	1454.3	1500.2	1521.2	1551.3
17.5°	1060.9	1083.2	1106.8	1130.4	1188.1	1262.8	1323.1	1374.3	1413.6	1441.2	1476.6
20°	966.5	988.7	1015.0	1037.3	1072.7	1126.4	1201.2	1289.0	1336.3	1365.1	1399.2
22.5°	899.6	920.6	937.6	957.3	984.8	1024.2	1080.5	1189.4	1252.3	1287.7	1317.9
25°	827.5	853.7	872.0	886.5	908.8	952.0	997.9	1059.6	1172.3	1199.9	1241.8
27.5°	777.6	785.5	806.5	828.8	851.1	874.7	921.9	974.3	1050.4	1110.7	1161.8
30°	718.6	738.3	758.0	767.1	786.8	820.9	849.7	906.1	965.1	1012.4	1074.0
32.5°	674.0	685.8	698.9	721.2	739.6	763.2	792.0	839.3	889.1	919.2	966.5
35°	624.2	632.1	659.6	668.8	687.1	710.7	739.6	776.3	830.1	853.7	887.8
37.5°	577.0	595.3	603.2	624.2	641.2	664.8	685.8	727.8	763.2	790.7	822.2
40°	540.3	548.1	562.6	580.9	595.3	613.7	639.9	670.1	708.1	730.4	758.0
42.5°	495.7	502.2	520.6	531.1	554.7	571.7	587.5	624.2	658.3	675.3	702.9
45°	447.2	462.9	474.7	495.7	508.8	529.8	549.5	575.7	607.2	626.8	642.6
47.5°	405.2	420.9	432.7	452.4	473.4	482.6	503.6	531.1	559.9	575.7	598.0
50°	371.1	376.4	398.6	407.8	430.1	448.5	462.9	486.5	518.0	527.2	545.5
52.5°	338.3	342.3	356.7	368.5	388.2	403.9	422.3	444.5	470.8	485.2	499.6
55°	309.5	312.1	318.7	331.8	344.9	364.6	381.6	402.6	424.9	440.6	453.7
57.5°	276.7	281.9	287.2	295.1	308.2	326.5	344.9	364.6	382.9	393.4	410.4
60°	238.7	246.5	255.7	264.9	274.1	287.2	308.2	326.5	343.6	352.8	365.9
62.5°	198.0	213.7	221.6	232.1	240.0	251.8	267.5	288.5	300.3	312.1	322.6
65°	178.3	179.7	181.0	191.5	205.9	217.7	232.1	247.8	266.2	274.1	281.9
67.5°	158.7	160.0	162.6	163.9	169.2	182.3	198.0	215.1	229.5	234.7	242.6
70°	139.0	139.0	144.2	145.6	146.9	148.2	161.3	178.3	191.5	198.0	207.2
72.5°	118.0	119.3	122.0	123.3	125.9	128.5	132.4	141.6	157.4	163.9	174.4
75°	97.0	98.4	99.7	101.0	104.9	106.2	110.2	115.4	122.0	129.8	136.4
77.5°	77.4	77.4	78.7	81.3	83.9	85.2	89.2	91.8	94.4	98.4	103.6
80°	57.7	59.0	59.0	61.6	61.6	62.9	64.3	68.2	70.8	73.4	76.1
82.5°	39.3	42.0	42.0	42.0	43.3	44.6	45.9	45.9	48.5	49.8	53.8
85°	23.6	24.9	24.9	24.9	23.6	26.2	26.2	27.5	27.5	27.5	28.8
87.5°	9.2	7.9	9.2	9.2	9.2	10.5	9.2	9.2	10.5	11.8	11.8
90°	22.0	21.0	20.0	19.0	18.0	16.4	14.8	13.2	11.6	10.8	9.7
92.5°	23.2	22.8	22.4	22.0	21.6	21.0	20.4	19.8	19.2	18.9	19.3
95°	39.1	38.1	37.1	36.1	35.1	33.7	32.3	30.9	29.5	28.8	32.1
97.5°	48.3	47.7	47.1	46.5	45.9	42.7	39.5	36.3	33.1	31.5	39.7
100°	57.6	56.0	54.4	52.8	51.2	47.8	44.4	41.1	37.7	36.0	49.7
102.5°	61.8	59.6	57.4	55.2	53.0	89.4	125.8	162.1	198.5	216.7	216.9
105°	63.6	61.4	59.2	57.0	54.8	109.4	163.9	218.5	273.0	300.3	297.3
107.5°	65.4	63.2	61.0	58.8	56.6	123.9	191.3	258.6	325.9	359.6	357.1
110°	77.4	97.4	117.3	137.3	157.3	215.1	272.8	330.6	388.3	417.2	415.1

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	112.3	198.4	284.5	370.7	456.8	460.2	463.6	466.9	470.3	472.0	470.2
115°	184.8	277.3	369.8	462.3	554.8	549.8	544.8	539.8	534.8	532.3	530.6
117.5°	489.0	517.6	546.1	574.7	603.3	599.9	596.5	593.1	589.7	588.0	586.0
120°	668.6	666.2	663.9	661.5	659.1	655.5	651.9	648.3	644.7	642.9	641.4
122.5°	716.9	715.7	714.5	713.3	712.1	708.1	704.1	700.1	696.1	694.1	692.5
125°	765.3	763.9	762.6	761.2	759.8	756.0	752.2	748.4	744.6	742.7	741.4
127.5°	811.8	809.8	807.8	805.8	803.8	800.8	797.8	794.8	791.8	790.3	788.9
130°	854.9	852.7	850.5	848.3	846.1	843.9	841.7	839.5	837.3	836.2	834.6
132.5°	895.5	893.7	891.9	890.1	888.3	886.1	883.9	881.7	879.5	878.4	877.1
135°	935.0	933.0	931.0	929.0	927.0	925.2	923.4	921.6	919.8	918.9	917.3
137.5°	971.8	969.8	967.9	965.9	963.9	961.9	959.9	957.9	955.9	954.9	953.7
140°	1007.0	1005.2	1003.4	1001.6	999.8	997.6	995.4	993.2	991.0	989.9	989.1
142.5°	1039.5	1037.9	1036.3	1034.7	1033.1	1030.5	1027.9	1025.3	1022.7	1021.4	1020.7
145°	1069.3	1067.9	1066.5	1065.1	1063.7	1060.3	1056.9	1053.5	1050.1	1048.4	1048.5
147.5°	1095.5	1094.5	1093.5	1092.5	1091.5	1088.1	1084.7	1081.3	1077.9	1076.2	1076.5
150°	1120.6	1119.4	1118.2	1117.0	1115.8	1112.6	1109.4	1106.2	1103.0	1101.4	1102.1
152.5°	1143.1	1141.9	1140.7	1139.5	1138.3	1135.3	1132.3	1129.3	1126.3	1124.8	1125.6
155°	1162.9	1161.7	1160.5	1159.3	1158.1	1155.7	1153.3	1150.9	1148.5	1147.3	1148.2
157.5°	1180.7	1179.3	1177.9	1176.5	1175.1	1173.3	1171.5	1169.8	1168.0	1167.1	1167.9
160°	1195.2	1194.0	1192.8	1191.6	1190.4	1189.2	1188.0	1186.8	1185.6	1185.0	1185.6
162.5°	1209.5	1208.1	1206.7	1205.3	1203.9	1202.9	1201.9	1200.9	1199.9	1199.4	1200.0
165°	1220.3	1218.9	1217.5	1216.1	1214.7	1214.1	1213.5	1212.9	1212.3	1212.0	1212.6
167.5°	1230.2	1228.8	1227.4	1226.0	1224.6	1224.0	1223.4	1222.8	1222.2	1221.9	1222.5
170°	1237.4	1236.0	1234.6	1233.2	1231.8	1231.4	1231.0	1230.6	1230.2	1230.0	1230.6
172.5°	1242.8	1241.4	1240.0	1238.6	1237.2	1236.8	1236.4	1236.0	1235.6	1235.4	1236.0
175°	1246.4	1245.0	1243.6	1242.2	1240.8	1240.4	1240.0	1239.6	1239.2	1239.0	1239.7
177.5°	1247.3	1245.9	1244.5	1243.1	1241.7	1241.5	1241.3	1241.1	1240.9	1240.8	1241.5
180°	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6	1242.6

TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1887.0	1887.0	1887.0	1887.0
2.5°	1852.9	1849.0	1872.6	1898.8
5°	1814.9	1821.5	1851.6	1888.3
7.5°	1775.6	1790.0	1825.4	1873.9
10°	1720.5	1746.7	1800.5	1850.3
12.5°	1666.7	1702.1	1753.3	1812.3
15°	1606.4	1645.7	1708.7	1779.5
17.5°	1539.5	1584.1	1657.5	1734.9
20°	1468.7	1527.7	1605.1	1689.0
22.5°	1390.0	1460.8	1540.8	1633.9
25°	1314.0	1391.3	1471.3	1578.9
27.5°	1239.2	1315.3	1404.4	1513.3
30°	1164.5	1234.0	1329.7	1446.4
32.5°	1084.5	1156.6	1257.6	1376.9
35°	1011.0	1083.2	1177.6	1295.6
37.5°	932.4	1009.7	1100.2	1222.2
40°	840.6	931.1	1018.9	1135.6
42.5°	764.5	860.2	945.5	1055.6
45°	704.2	794.7	865.5	973.0
47.5°	647.8	721.2	793.4	893.0
50°	594.0	650.4	725.2	814.3
52.5°	539.0	587.5	651.7	735.7
55°	489.1	535.0	592.7	657.0
57.5°	443.2	476.0	533.7	591.4
60°	392.1	426.2	470.8	519.3
62.5°	348.8	375.0	417.0	457.7
65°	302.9	327.8	359.3	397.3
67.5°	261.0	283.2	308.2	338.3
70°	222.9	240.0	258.3	284.6
72.5°	182.3	200.6	217.7	238.7
75°	149.5	157.4	171.8	186.2
77.5°	115.4	125.9	133.8	145.6
80°	82.6	91.8	94.4	103.6
82.5°	55.1	60.3	65.6	68.2
85°	31.5	34.1	39.3	40.7
87.5°	11.8	13.1	15.7	18.4
90°	7.5	5.3	3.1	0.9
92.5°	20.1	20.9	21.7	22.5
95°	38.7	45.2	51.8	58.4
97.5°	56.1	72.4	88.8	105.2
100°	77.0	104.4	131.7	159.1
102.5°	217.3	217.7	218.1	218.5
105°	291.3	285.3	279.3	273.3
107.5°	352.1	347.2	342.2	337.2
110°	410.9	406.7	402.5	398.3



TEST NUMBER: P1000228

CATALOG NUMBER: SA2XXRDIP-B865D925UB2750-4F0-XX-W2A-A_4000K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	466.6	463.1	459.5	455.9
115°	527.2	523.8	520.4	517.0
117.5°	582.0	578.0	574.0	570.0
120°	638.4	635.4	632.4	629.4
122.5°	689.3	686.1	682.9	679.7
125°	738.8	736.2	733.6	731.0
127.5°	786.1	783.3	780.5	777.7
130°	831.4	828.2	825.0	821.8
132.5°	874.5	872.0	869.4	866.8
135°	914.1	910.9	907.7	904.5
137.5°	951.3	948.9	946.5	944.1
140°	987.5	985.9	984.3	982.7
142.5°	1019.3	1017.9	1016.5	1015.1
145°	1048.7	1048.9	1049.1	1049.3
147.5°	1077.1	1077.7	1078.3	1078.9
150°	1103.5	1104.9	1106.3	1107.7
152.5°	1127.2	1128.8	1130.4	1132.0
155°	1150.0	1151.8	1153.6	1155.4
157.5°	1169.5	1171.0	1172.6	1174.2
160°	1186.8	1188.0	1189.2	1190.4
162.5°	1201.2	1202.4	1203.6	1204.8
165°	1213.8	1215.0	1216.2	1217.4
167.5°	1223.7	1224.9	1226.1	1227.3
170°	1231.8	1233.0	1234.2	1235.4
172.5°	1237.2	1238.4	1239.6	1240.8
175°	1241.1	1242.5	1243.9	1245.3
177.5°	1242.9	1244.3	1245.7	1247.1
180°	1242.6	1242.6	1242.6	1242.6

(END OF REPORT)